

SWTR, IESWTR, and LT1ESWTR: Turbidity

Implementation

Guidance Documents

- GM for Compliance with the Filtration and Disinfection Requirements (SWTR)
- Implementation Guidance
- IE and LT1 Turbidity Technical GM
- Quick Reference Guides

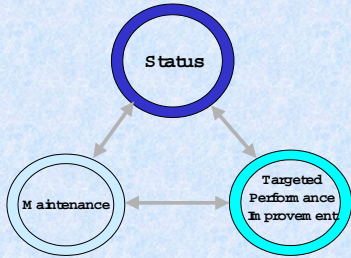
Additional Implementation Tools

- Filter Self-Assessment Video
 - under development
- www.epa.gov/safewater/mdbp/implement.html
- www.epa.gov/safewater/mdbp/lt1eswtr.html

IE and LT1 Implementation Activities

- Data Management
- IFE Trigger Activities
 - Evaluate Filter Performance Reports
 - Evaluate CPE Results
- Review of IFE data during Sanitary Survey
- Sanitary Survey Deficiencies

AWOP Components



Status - Prioritizing Plants

- Based on Point System (Typical)
 - Source Water
 - Treatment Performance- Turbidity
 - Violations
 - Deficiencies from inspections/surveys

Targeted Performance Improvement

- Decide which activities are needed to achieve performance improvement at individual utilities.

Targeted Performance Improvement

- Existing activities
 - Sanitary surveys
 - State developed filter plant evaluations
- Develop new skills
 - Comprehensive Performance Evaluations (CPEs)
 - Performance Based Training (PBT)

Maintenance

- Lessons learned from AWOP activities to refine status and targeted performance improvement
- Integrate AWOP with related state programs
 - Design review
 - Permitting
 - Operator training and certification

Maintenance (con't)

- Integrate AWOP with related state programs
 - Inspections and sanitary surveys
 - Capacity development program
 - Recognition programs
 - Publications and newsletters

Maintenance (con't)

- On-going staff training on AWOP skills
 - Comprehensive Performance Evaluations
 - Performance Based Training

Maintenance (con't)

- Sustain quality control and program resources
 - Maintain consistency of AWOP skills long-term
 - Develop and sustain management support

**AWOP Impacts
State Program Benefits**

- Enhanced staff capability
 - Technical skills
 - Management/Leadership
- Staff motivated by seeing impacts of their activities
- State and plant staff understand role in public health protection

**AWOP Impacts
State Program Benefits (con't)**

- Results in long-term water quality improvements at plants
- Provides small systems tools for meeting and exceeding compliance
- Develops network to implement new regulations (LT2, DBPs, etc.)

**AWOP Implementation
What to do if interested**

- Contact USEPA TSC in Cincinnati, Ohio - Jon Bender
 - (513)569-7227
 - bender.jon@epa.gov
- Contact EPA Regional Office
